

Amendments to the Specification

Please replace page 8, third full paragraph with the following amended paragraph:

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In Figure 3 an irrigation controller 20 generally includes a microprocessor 220, an on-board memory 210, some manual input devices 230 through 232 (buttons and/or knobs), preferably an irrigation user keypad 233 for entering irrigation identifying information, an input/output (I/O) circuitry 221 connected in a conventional manner, a display screen 250, electrical connectors 260 which are connected to a plurality of irrigation stations 270 and a power supply 280, a rain detection device 291, a flow sensor 31, and a pressure sensor ~~[[32]]~~33. Each of these components by itself is well known in the electronic industry, with the exception of the programming of the microprocessor in accordance with the functionality set forth herein.